

## THERMOPLASTIC RESIN COMPOSITION AND FLOOR TILE USING THE COMPOSITION

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**- European:**

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### Abstract of JP2002284936

**PROBLEM TO BE SOLVED:** To obtain a thermoplastic resin composition from which floor tiles exhibiting proper tensile elongations can be prepared and which has excellent moldability, and to obtain floor tile thereof. **SOLUTION:** This thermoplastic resin composition comprises (A) 10 to 50 wt.% of a substantially random interpolymers, such as ethylene-styrene copolymer, comprising 1 to 99 mol.% of polymer units derived from an aromatic vinyl or vinylidene monomer and/or a hindered aliphatic or alicyclic vinyl or vinylidene monomer, and 1 to 99 mol.% of polymer units derived from at least one 2 to 20C  $\alpha$ -olefin, and (B) 50 to 75 wt.% of calcium carbonate having an average particle diameter of 130 to 250  $\mu$ m, and further, if necessary, a tackifier in an amount of  $\leq 2.5$  pts.wt. per 100 pts.wt. of the total amount of the components (A) and (B). The tile comprises the thermoplastic resin composition. The tile does not develop microcracks, even when bent at an angle of 45 degree.

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